Earthdata UTC Meeting 04.18.2017

GoToMeeting information:

https://global.gotomeeting.com/join/862833445

1-844-467-6272, 184979#

Meeting ID: 862-833-445

- GoToMeeting information:
- 1. Attendance
- 2. EMS Status
- 3. Earthdata Login
- 4. Earthdata
- 5. User Support Tool
- 6. CMR/ECHO/Earthdata Search/MMT
    - System Status
    - CMR Release Status
    - Earth Data Search Release Status
    - Metadata Management Tool Release Status
    - Upcoming PMs
- echo-support@mail.nascom.nasa.gov is now cmr-support@earthdata.nasa.gov
- 7. Earthdata Search Client Usability Improvements
- 8. GIBS
- 9. Worldview
- 10. Open Floor
- 11. Special Topic

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Subscribe by clicking here.

1. Attendance

Please make a comment at the bottom of this agenda to record your attendance.

Note: To comment, you must be a member of the "utc-wiki-users" group in the Earthdata wiki. To request access, send an email to Ross Bagwell or Minnie Wong, or send an email to Earthdata Support at support@earthdata.nasa.gov.

2. EMS Status

Nelson Casiano

- **Upcoming/Ongoing Activities with Data Providers**
    - EMS-Data Providers Monthly Technical Interchange Meeting - Thanks to those who participated in the TIM on 6 April.
        - OPeNDAP
            - We would still like to get more information from Data Providers on identifying OPeNDAP records
        - EMS-Data Providers ICD Rev. B
            - The ICD is in Jama for review
            - Review is open until 27 April
        - Problems Accessing DataAccess Metrics Sent from SDPS to EMS
            - EMS would like to meet with the ECS developers to explore ways to resolve this issue
        - Unknown Search Terms – Several Data Providers have done an excellent job in correcting these issues
    - EMS Distribution Reprocessing - Completed
        - Please let us know if you see any issues with the data

3. Earthdata Login

Catalino Cuadrado

Issues - Had to roll back Earthdata Login 4.66 to 4.65 due to an SSL Certificate issue on LDAP hosts. Been seeing LDAP replication issues that are causing some errors for some users.

- **URS Integration Information on SSO and the API's can be found on** Wiki
- **DAAC On-boarding Status and Integration Schedule can be found on** Wiki
    - Please get in touch (Peter Smith) if you are having trouble accessing any of the Wiki areas.
- **URS4 Development**
    - In Production (Release 4.65)
- Earthdata Login public wiki

Ticket Status

URSFOUR-755	Implement a revised "we're sorry something went wrong" error dialog to include the request GUID
URSFOUR-786	Include EULA's and additional optional fields for Meris and Sentinel data on user registration page (GUI)
URSFOUR-787	Backend changes to support additional optional fields for Meris and Sentinel data(LDAP & App code).
URSFOUR-788	Update users api to return optional Meris and Sentinel data fields (API)
URSFOUR-802 *	Allow retrieval of multiple users by urs id
URSFOUR-803 *	Generate manual instructions/script for importing missing metrics data

4. Earthdata

Katherine Kelly

- **Launchpad Integrations**
  - Status App: Complete
  - Conduit: In UAT, Moving to Production this Thursday (April 20)
- **Tophat Redesign**
  - Finished wireframes of new simplified Tophat
  - Creating full-res visual design comp of new Tophat
- **Status App**
  - Adding Operator management UI
- **URS**
  - Reworking App Admin Sub-navigation and improving pagination

Various bug fixes and improvements in Conduit, Earthdata, URS and Status App

5. User Support Tool

Catalino Cuadrado

Recent Metrics

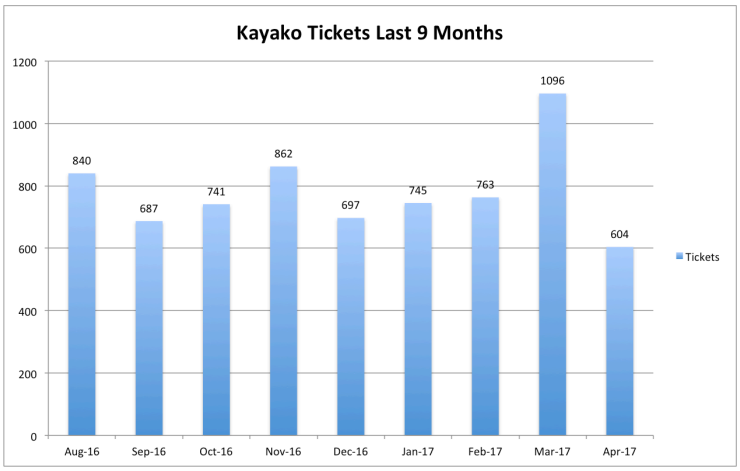
Total Kayako Tickets since last UTC

	Closed	In Progress	On Hold	Open	Waiting	Waiting for DAAC	Waiting for User	Total
ASDC	37	0	0	3	2	2	0	44
ASF	7	1	0	0	0	0	0	8
Account Request	1	0	0	0	0	0	0	1
CDDIS	2	0	0	0	0	0	0	2
CMR	4	0	0	4	0	0	0	8
DAACs	0	0	0	0	0	0	0	0
ECC	2	0	0	0	0	0	0	2

ECHO	60	0	5	0	0	0	0	65
Earthdata	8	0	2	0	0	0	0	10
Earthdata Search	4	0	0	9	0	0	0	13
FIRMS	11	0	0	1	0	0	0	12
Feedback Module	0	0	0	0	0	0	0	0
GCMD	10	1	0	0	0	0	0	11
GES-DISC	3	0	0	3	0	0	0	6
GHRC	11	0	0	0	0	0	0	11
GIBS	3	0	0	0	0	0	0	3
LANCE	4	3	0	0	0	0	0	7
LPDAAC	41	3	0	0	0	0	0	44
MODAPS	53	1	0	0	0	0	0	54
OB.DAAC	2	0	0	0	0	0	0	2
ORNL DAAC	9	0	0	3	0	0	0	12
PO.DAAC	14	0	0	5	0	0	0	19
PO.DAAC Forum	1	0	0	0	0	0	0	1
Rapid Response	1	21	0	0	0	0	0	22
Reverb	5	0	0	9	0	0	0	14
SEDAC	0	0	0	0	0	0	0	0

Sea Level Change	0	0	0	0	0	0	0	0
URS	95	0	0	36	1	0	0	132
UUI	0	0	0	1	0	0	0	1
Worldview	15	5	0	7	0	0	0	27

Kayako Tickets Last 9 Months



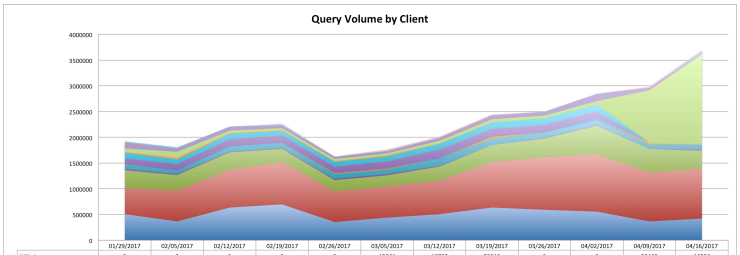
6. CMR/ECHO/Earthdata Search/MMT

Doug Newman

System Status

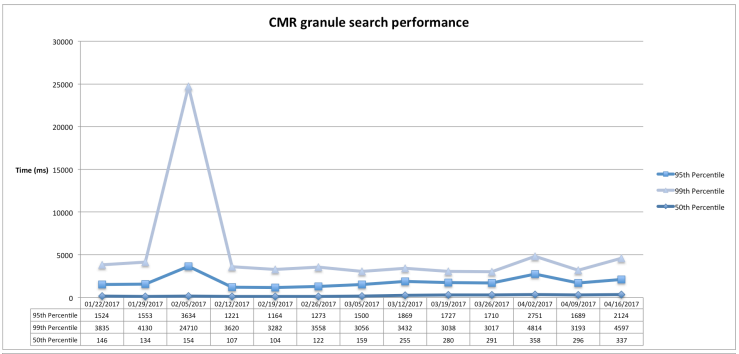
Recent Metrics

Client usage



	01/29/2017	02/05/2017	02/12/2017	02/19/2017	02/26/2017	03/05/2017	03/12/2017	03/19/2017	03/26/2017	04/02/2017	04/09/2017	04/16/2017
Vertex	0	0	0	0	0	15861	19709	20010	0	0	20462	16586
ICARE	0	0	0	28610	10944	10977	447	0	0	0	0	
GCMD sync	20784	18480	0	0	0	0	0	0	0	0	0	19200
LPDAAC Inventory Services	115257	66489	78045	51905	42074	44777	60260	76178	76167	144565	45894	41706
Legacy services	73536	120928	48971	45007	38919	44922	50624	56515	55816	73284	1018830	1752864
Other	1082	2875	1076	926	969	822	657	261	161	169	0	0
LPDAACEDiskCLI	0	0	0	0	0	0	0	0	0	0	0	0
AVAPC	12392	23622	13998	12392	12392	13945	6196	0	0	0	0	0
GESDISC	110049	95826	102184	94397	90463	93488	113742	128075	129873	129791	0	0
Reverb	108169	124775	139193	140611	132898	142307	159302	155825	143102	123984	0	0
CMR CSW	0	0	0	0	0	0	0	13690	0	0	19439	
GIBS	0	0	0	0	0	0	22280	0	0	53172	0	0
Icebridge prod	0	0	0	0	15272	14068	0	25969	0	0	23304	0
CMR OpenSearch	95420	63311	102184	92787	95869	91477	131973	116940	98851	77017	77018	94755
GCMD-KeywordSearch	27243	23476	18802	21843	22215	27379	13713	0	20831	24747	0	29265
EDSC PROD	346618	301699	335758	258845	222915	212670	278562	334927	362942	559785	462060	345146
Unknown	507545	600120	732563	821004	593422	608764	647324	882221	1020625	1104640	950261	970511
ECHO	505887	365332	637606	694289	351783	438851	507689	633663	592739	558058	364276	421147

Query Performance



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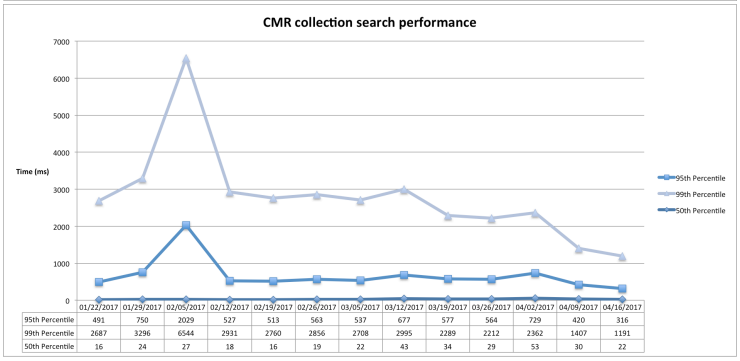
95th Percentile	1524	1553	3634	1221	1164	1273	1500	1869	1727	1710	2751	1689	2124
99th Percentile	3835	4130	24710	3620	3282	3558	3056	3432	3038	3017	4814	3193	4597
50th Percentile	146	134	154	107	104	122	159	255	280	291	358	296	337



	01/22/2017	01/29/2017	02/05/2017	02/12/2017	02/19/2017	02/26/2017	03/05/2017	03/12/2017	03/19/2017	03/26/2017	04/02/2017	04/09/2017	04/16/2017
95th Percentile	491	750	2029	527	513	563	537	677	577	564	729	420	316
99th Percentile	2687	3296	6544	2931	2760	2856	2708	2995	2289	2212	2362	1407	1191
50th Percentile	16	24	27	18	16	19	22	43	34	29	53	30	22

CMR Release Status

PROD: 1.70

No release because of PI/IP

PROD: 1.70

No release because of PI/IP

Earth Data Search Release Status

UAT: 1.40

No release because of PI/IP

UAT: 1.40

No release because of PI/IP

Metadata Management Tool Release Status

PROD: 1.42

No release because of PI/IP

UAT: 1.43

No release because of PI/IP

Upcoming PMs

4-19-2017 CMR goes to NGAP, 8 hour read-only window beginning at 8 AM ET

echo-support@mail.nascom.nasa.gov is now cmr-support@earthdata.nasa.gov

we have redirects in place for the time being but please communicate this new email address to your team for CMR support.

7. Earthdata Search Client Usability Improvements

Mark Reese

Completed

- Removing 2,000 granule limit for ESI orders.
- Limiting ASTER On-Demand orders to 100 granules.
- Auto-centering the map when manually entering a point search.
- Capturing more search metrics to identify cases of a new search term typed immediately after submitting an initial search.

In Progress

- Finalizing new EDSC layout

8. GIBS

Matthew Cechini

General Items

- Vectors - Testing has begun on a new vector prototype capability. Once initial functional tests have completed, GIBS will begin working with "early adopter" data providers for further integration testing. Updates to the ICD are expected.
- On-the-Fly Web Mercator - Testing has begun on a new on-the-fly reprojection capability for Web Mercator imagery. The GIBS team is reviewing quality and performance. Samples will be provided for review once the GIBS team has iterated internally.
- ICD Appendix Baselining - Updating existing GIBS ICD Appendix Google Doc spreadsheets to comply with the updated (Rev A) Imagery Provider ICD document. Providers have been contacted individually to review the updated document in preparation for baselining in COMET. Responses are due by Friday 4/21.

Provider/Product On Boarding

- AIRS - GESDISC
  - Awaiting promotion of a code fix to Giovanni before moving forward with imagery review.
- ASTER L1T - LPDAAC/USGS
  - Continuing imagery review with USGS through GloVis Next.
  - Historical reprocessing restarted with EPSG:3857 imagery (for GloVis) and EPSG:4326 (for EDSC). Expected completion by end of April.
  - Beginning coordination for forward processing. Expected promotion to production in early May.
- GHRC LIS VHR Climatologies
  - Completed initial colormap review. Now awaiting prioritization.
- GPM Rain/Snow v4 Standard
  - On hold for v5 data updates scheduled in May 2017.
- MISR NRT
  - Completed imagery review and ingest testing.
  - Awaiting promotion to production in early May.
- MODIS Collection 6 L3 Land
  - Performing sample ingest and imagery review.

- MOPITT NRT
  - Performing ICD development and review.
- OMPS NRT
  - Awaiting resource prioritization.

Jerome King / Alex De Luca

GIBS Production

Status

- VIIRS Black Marble/nighttime lights (2012 and 2016) was released in OPS.
- Continues to backfill PODAAC BEDI Batch 2 products.
- Back filling MODIS C6 from this weekend outage from MODAPS.

Issues

MCRAODHD combined MODIS C6 delayed due to code change.

Multiple provider issues:

- Sat 04/15/2017 - lance3 had a disk full. MODIS C6 and VIIRS down for Easter weekend. Restored on 04/17/2017
- Tue 04/13/2017 - GHRC SSMI F16,17. Down upstream. Restored on 04/18/2017.
- Tue 04/13/2017 - SMAP L4 imagery. delayed for a couple of days.

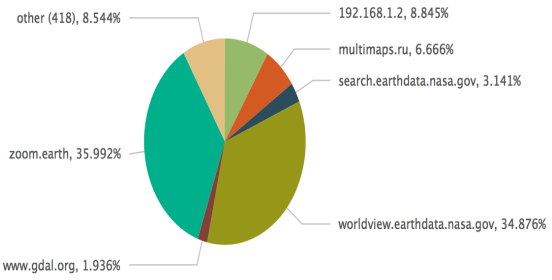
Metrics

Referrer with API Requests for GIBS (Apr 3rd - 9th)

Request by API (WMTS)

Monday	4,238,909
Tuesday	4,135,670
Wednesday	4,498,241
Thursday	3,145,621
Friday	4,611,399
Saturday	3,100,394
Sunday	3,130,187

(Daily avg)

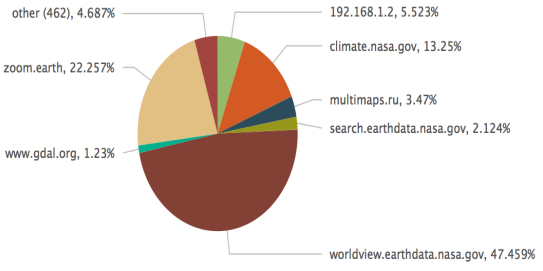


Referrer with API Requests for GIBS (Apr 10th - 16th)

Request by API (WMTS)

Monday	6,185,700
Tuesday	8,498,316
Wednesday	6,624,575
Thursday	8,072,898
Friday	6,603,696
Saturday	2,477,261
Sunday	3,889,334

(Daily avg)



9. Worldview

Benjamin King

Releases

1. v1.4.1 released on 04 Apr 2017
   a. New Features
      - Daily SMAP Enhanced versions of Passive Brightness Temperature and Passive Soil Moisture, Freeze/Thaw layers

b. Updates
    - Polar projection permalink issue patch

2. v1.4.2 released on 12 Apr 2017
    a. New Features
        - Precipitable Water over Ice-Free Oceans and Wind Speed over Ice-Free Oceans (RSS) Monthly layers
        - SSMI Sea Ice Concentration Daily layer
        - MEaSUREs Ice Velocity for Greenland and Antarctica Daily layers
        - SSMIS Sea Ice Concentration and Snow Extent Daily layer
        - MODIS Normalized Snow Difference Index and Ice Surface Temperature Daily layers
        - MISR Aerosol Optical Depth, Cloud Stereo Height, Directional Hemispherical Reflectance, NDVI, Radiance, and Albedo Monthly layers
        - VIIRS Black Marble Nighttime Lights 2012 and 2016 layers
    b. Updates
        - Fixed natural events feature in internet explorer
        - Improved colors of natural event Icons
        - Fixed certain data download queries to CMR so that data from only the selected date is returned
        - Changed logo format from PNG to SVG

Work In Progress

- Earthdata notification integration
- Install/build simplification
- New Products
    1. PO.DAAC BEDI Batch II layers including Aquarius Sea Surface Salinity, Wind Speed; MODIS Sea Surface Temperature and CCMP Wind Speed.

10. Open Floor

a. Cutover dates for migrating CMR micro-services from on-premises to the cloud.

SIT – March 1st 2017

UAT – March 15th 2017

PROD – April 19th 2017

b. PUMP shutdown scheduled for late April

PUMP functionality in MMT is now available in OPS (mmt.earthdata.nasa.gov)

We are in a period of dual MMT and PUMP operations until PUMP shutdown

Please begin using MMT for your PUMP functionality in OPS, and let us know immediately of any questions or issues.

Please send us a list of your provider Groups that contain PUMP users

Please let us know if you use the PUMP ACL Report function

c. Order-only permissions in PUMP will be converted to 'Search and Order' permissions in MMT (same as View and Order in PUMP)

d. Have all PUMP Calendar users switched to Status App?

e. Have all PUMP User Lookup users requested User Services role in Earthdata Login?

11. Special Topic

Integrating DAAC applications with the Earthdata Status App

https://wiki.earthdata.nasa.gov/display/ET/How+to+integrate+the+Earthdata+Status+App